


#8 Q
12-27-01
P.2.

RECEIVED

DEC 27 2001

TECH CENTER 1600/2900

| | | |
|--|-------------------------------|------------------------|
| IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  | <i>Application Number</i> | 09/606,222 |
| | <i>Filing Date</i> | 29 June 2000 |
| | <i>First Named Inventor</i> | Kirk R. Thomas, et al. |
| | <i>Group Art Unit</i> | 1632 |
| | <i>Examiner Name</i> | Ton, T. |
| | <i>Attorney Docket Number</i> | 2323-139 |
| <i>Title of the Invention: SELF-INDUCED DELETION OF DNA</i> | | |

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed June 20, 2001, please enter the amendments to the specification and claims contained on the following pages, which are summarized below.

Marked-up copies of the original text of the substituted paragraphs of the specification with changes and amended claims are attached to this amendment. Material inserted is indicated by underlining and material deleted is indicated by strike-out (~~strike-out~~).

At page 2, lines 2-5, delete the first full paragraph of the specification and substitute the replacement paragraph contained on the following page which is entitled "Clean Copy of Substitute Paragraph, Page 2, First Full Paragraph."

Amend claims 1, 20, 24 and 27-34 as shown on the page entitled "Clean Copy of Amended Claims, which follows the amended portions of the specification.

Clean Copy of Substitute Paragraph, Page 2, First Full Paragraph

The present invention is directed to a method for deleting nucleic acid sequences in a tissue specific manner. In one embodiment, nucleic acid sequences are specifically deleted in germline tissue. In a second embodiment, nucleic acid sequences are specifically deleted in desired somatic tissue. The present invention is further directed to a DNA molecule for use in the method.